

REMARKS

Reconsideration of this application, as amended, is requested. Claims 1, 3, 6, 7, 10, 11 and 19 remain in the application. Claims 14 and 18 were canceled previously. Claims 2, 4, 5, 8, 9, 12, 13, 15-17, 20 and 21 are canceled in this amendment. Independent claim 1 has been amended to incorporate the limitations that had been in canceled claim 2. Independent claim 3 has been amended to incorporate the limitations that had been in claim 5. Independent claim 7 has been amended to incorporate the limitations that had been in canceled claim 9. Independent claim 11 has been amended to incorporate the limitations that had been in canceled claim 13. Independent claim 19 has been amended to incorporate the limitations that were in canceled claim 20.

The subject matter in each of the independent claims remaining in the application had been before the Examiner previously and has been considered by the Examiner previously. As a result, the amendments to the independent claims do not raise new issues that would require further consideration or searching by the Examiner. Furthermore, these amendments would simplify issues on appeal should such an appeal be necessary. Thus, entry and consideration of the amendments to each of the independent claims is believed to be proper and is solicited. Consideration of these amendments on their merits is requested.

Claims 1-5, 11-13, 15-17 and 19-21 were rejected under 35 USC 102(b) as being anticipated by U.S. Patent No. 3,209,963 to Krieps et al. The Examiner referred specifically to FIG. 2 of the Krieps et al. reference and concluded that Krieps shows a container B comprising a neck portion, a cap 48 coupled with a lid 12 via a hinge, a nozzle 22, a flange 34 spaced from the top end of the nozzle and configured to be in contact with the top of the neck portion. The Examiner also concluded that the Krieps et al. reference has a ring-shaped projection 32 formed at an upper part of the nozzle and hermetically

brought into contact with the inner surface of the cap. The Examiner then asserted that the Krieps et al. reference has a "constricted portion formed below the ring-shaped projection."

It is submitted, with respect, that the Krieps et al. reference is deficient in several respects. First, claim 1 as existing prior to this Amendment recited "a flange portion spaced from the top end of the nozzle and configured to be in contact with the top of the tubular neck portion of the liquid container." In contrast, the Krieps et al. reference has an annular sealing bead 30 that extends around the cylindrical sidewall 22 of the nozzle. The annular bead 30 is configured for engaging in a complimentary recess 90. With this engagement, as shown most clearly in FIG. 2, the flange portion 34 of Krieps et al. does not and cannot contact the top of the tubular neck portion of the liquid container. Amended claim 1 now positively recites "a constricted portion between the ring-shaped projection and the flange portion of the nozzle." In contrast, the Krieps et al. reference has no constricted portion. Rather, Krieps et al. has "a cylindrical sidewall 22". The flange 34 and the ring-shaped projection 32 extend out from the cylindrical sidewall 22. It is submitted that no constricted portion is formed between the ring-shaped projection 32 and the flange 34 of Krieps et al. The constricted portion defined in amended claim 1 has several very significant advantages that are not suggested at all by Krieps et al. In particular, the constricted portion of amended claim 1 prevents liquid from dripping, serves as a core of forming liquid drops, prevents liquid from leaking into the container and enables a very smooth cutting of liquid flow. Amended independent claims 3, 7 and 19 define substantially the same limitations discussed above and distinguish from Krieps et al. for the same reasons.

Amended claim 11 does not positively recite the flange portion that is set forth in the other independent claims. However, amended claim 11 clearly defines the

constricted portion between the ring-shaped projection of the nozzle and the top of the cap. As noted above, no such constricted portion is shown in Kriepps et al.

Claims 1-5, 15, 16, 19 and 20 were rejected under 35 USC 102(b) as being anticipated by Allegretti et al. The Examiner concluded that the Allegretti et al. reference shows a container with a neck portion, a cap 14 and a nozzle. The nozzle is considered by the Examiner to have a ring-shaped projection 5, a constricted portion below the projection 5 and a flange 6 spaced from the top end of the nozzle and configured to be in contact with the top of the neck portion.

It is submitted that Allegretti et al. has no structure comparable to the constricted portion defined in amended claims 1, 3 and 19. It is submitted that the Allegretti et al. reference has no structure comparable to the ring-shaped projection. Rather, the element 5 of Allegretti et al. that was compared to the ring-shaped projection is actually an array of "screw threads" (column 4, line 19) for threadedly mating with mating threads on the cap shown in FIG. 5 of Allegretti et al. Nothing in Allegretti et al. suggests that a hermetic seal is obtained between the mating threads. Rather, the seal is achieved by the projection 14 at the center of the cap. Furthermore, nothing in Allegretti et al. suggests the constricted portion defined by amended independent claims 1, 3 and 19. In this regard, the Allegretti et al. reference has screw threads that extend out from a cylindrical wall, but no constricted portion. Accordingly, it is submitted that the invention defined by amended independent claims 1, 3 and 19 and their dependent claims is not taught or suggested by Allegretti et al.

Claim 6 was rejected under 35 USC 103(a) as being obvious over Kriepps et al. in view of U.S. Patent No. 4,782,964 to Poore et al.

The Poore et al. reference does not overcome the deficiencies of Kriepps et al. as applied to amended claim 3 and as explained in detail above.

Claims 1-10, 15-17, 19 and 20 were rejected under 35 USC 103(a) as being obvious over Faurie in view of Kriepps et al.

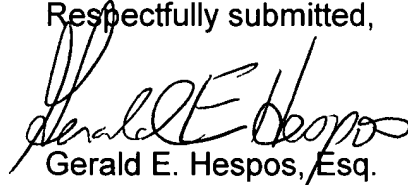
As noted above, the Kriepps et al. reference has no suggestion of a constricted portion. Faurie also has no suggestion of a constricted portion. As a result, their hypothetical combination could not possibly teach such a structure. To the contrary, the entire Faurie nozzle diverges outwardly to wider dimensions at all locations from the top of the nozzle substantially to the area where the flange of Faurie exists. Furthermore, it is not seen how or why the skilled artisan would provide the ring-shaped projection of Kriepps et al. on the nozzle of Faurie. Faurie and Kriepps et al. have entirely different cooperations between the nozzle and the cap, and hence the incorporation of the Kriepps et al. ring-shaped projection onto the Faurie nozzle would make virtually no sense and would not be obvious to the person skilled in the art.

The Examiner is advised that an office action issued in connection with the Japanese version of this application on May 23, 2006. The Japanese Patent Office cited six references as being relevant. This Amendment is submitted concurrently with an Information Disclosure Statement that includes an English translation of the Japanese office action and copies of the six references cited by the Japanese Patent Office. All of the references relate generally to nozzles. None of the references, however, has any suggestion of the constricted portion that now is recited in each of the independent claims remaining in the application.

In view of the preceding amendments and remarks, it is submitted that all the claims remaining in the application are directed to patentable subject matter, and allowance is solicited. The Examiner is urged to contact the applicant's attorney at the

number below to expedite the prosecution of this application.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Gerald E. Hespos", written over the printed name.

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